

Partner presentation

AdSWiM | UniVPM_Department of life and
Environmental Science_PP4 | Anna Annibaldi

Kick off meeting | Udine | 9-10 th of April 2019

About the Organisation Expertise linked with AdSWiM goals

Research activities

Research projects

Research Papers

Estuaries
/Rivers

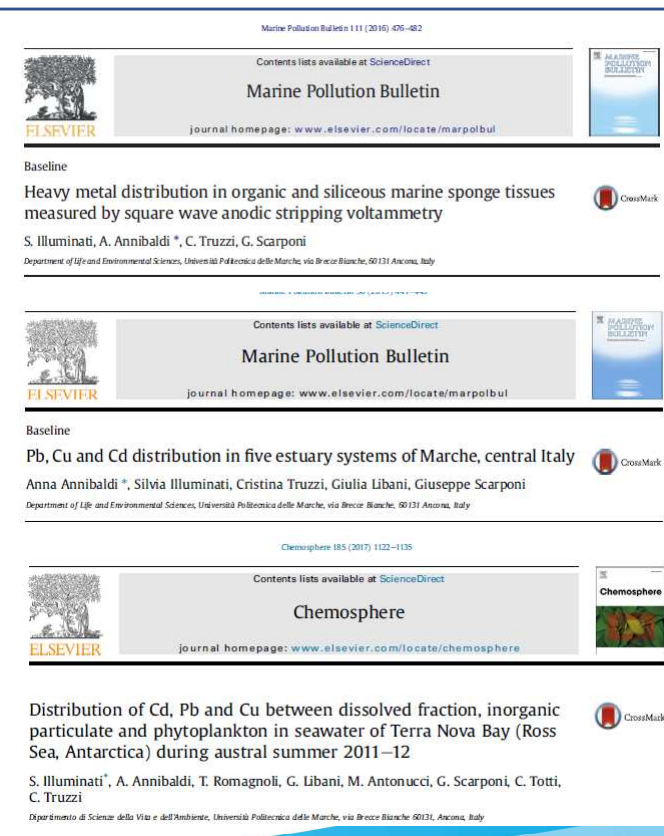
Pollution
Heavy
Metals

Marine
Organisms

Sediments

Seawater

- IMTEC_EU project on “Trace metal speciation in estuaries and coastal zones”
- “Antarctic” projects (PNRA_National Antarctic Research Program) on different topics (seawater/marine organisms) with 15 expeditions in the white continent



UniVPM_Polytechnic University of Marche_PP4



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Interreg
Italy - Croatia
AdSWiM

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Lab_Analytical Chemistry for Environment and Food

Team (technical staff)



Prof. Giuseppe
Scarponi



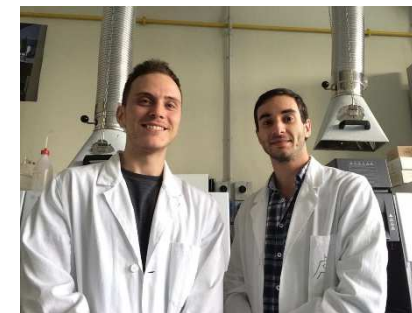
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Truzzi



Dr. Anna
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Dr. Silvia
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DELLE MARCHE



ZAVOD ZA JAVNO ZDRAVSTVO ZADAR



Activities (WP) in AdSWiM project and equipment available



Polytechnic University of Marche in AdSWiM_AIMS

- to assess the quality of the coastal and marine ecosystems and to propose innovative descriptors and/or new reference models.
- to measure the level of nutrients and trace elements in seawater for the evaluation of pollution in the Adriatic Sea
- to perform a chemometric study to analyze the results obtained for a critical evaluation of the work carried out.

Equipment available/Sampling

Motor Vessel Actea



2 GO-FLO bottles



Multiparametric probe (CTD)



Turbidimeter



Equipment available/Sample treatment

Clean room Class 1000, with areas at Class 100

Microwave oven



**Cold laboratories
-27°C and -18°C**



**Microanalytical
balance**

**Stuart Sample
concentrator**



System for ultrapure water

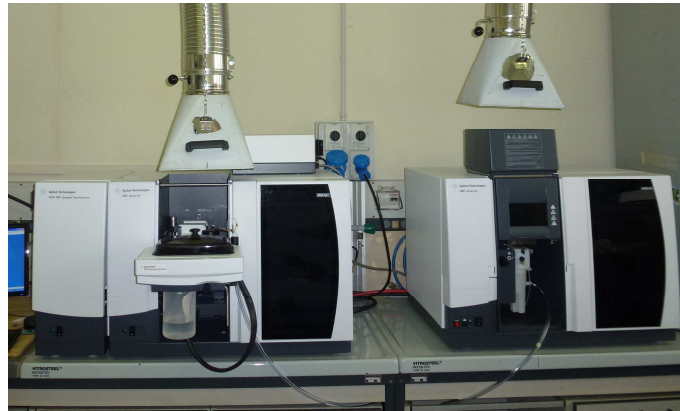


Equipment available/Sample analysis

**Voltammetric
In-situ
Profiling
system**



**Atomic absorption
spectrometry with flame
and electrothermal
atomization systems**



**Direct Mercury
Analyzer**



**Voltammetric
trace
analyzers**



**Gas chromatography
– mass spectrometry**



**UV-Vis
spectrophotometer**





THANK YOU FOR YOUR ATTENTION

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